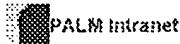


<u>S15388 U USPT 6239072.pn.</u>	2006-10-29 09:45:14
<u>S15387 U USPT (5223248.pn. ) and (woman or adult or male)</u>	2006-10-26 13:35:41
<u>S15386 U USPT (5223248.pn. ) and (human)</u>	2006-10-26 13:35:09
<u>S15385 U USPT 5223248.pn.</u>	2006-10-26 13:35:02
<u>S15384 U USPT (5223248.pn. ) and (doxycycline)</u>	2006-10-25 16:34:47
<u>S15383 U USPT (5223248.pn. ) and (brush or brushing)</u>	2006-10-25 16:33:15
<u>S15382 U USPT (5223248.pn. ) and (decay or cary or caries)</u>	2006-10-25 16:31:40
<u>S15381 U USPT 5223248.pn.</u>	2006-10-25 16:31:29
<u>S15380 U USPT ((plaque adj formation) same (prevent or inhibit) same teeth ) and (difficult or difficulty or impossible or reoccur)</u>	2006-10-25 15:52:48
<u>S15379 U USPT (plaque adj formation) same (prevent or inhibit) same teeth</u>	2006-10-25 15:52:18
<u>S15378 U USPT (plaque adj formation) same (cannot same inhibit) same teeth</u>	2006-10-25 15:52:02
<u>S15377 U USPT (plaque adj formation) same (inhibit) same teeth</u>	2006-10-25 15:51:07
<u>S15376 U USPT (plaque adj formation) same (absolute same inhibition) same teeth</u>	2006-10-25 15:50:56
<u>S15375 U USPT (plaque adj formation) same (absolute same prevention) same teeth</u>	2006-10-25 15:50:45
<u>S15374 U USPT (plaque adj formation) same (impossible) same teeth</u>	2006-10-25 15:48:48
<u>S15373 U USPT (plaque adj formation) same (difficult or cure) same teeth</u>	2006-10-25 15:44:00
<u>S15372 U USPT (plaque adj formation) same (difficult or cure)</u>	



Application Number  Submit

IDS Flag Clearance for Application 10685058

IDS Information

Content	Mailroom Date	Entry Number	IDS Review	Last Modified	Reviewer
M844	2004-01-02	11	Y <input checked="" type="checkbox"/>	2006-10-29 11:36:12.0	JKim5
<input type="button" value="Update"/>					

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 60-54-8 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN 2-Naphthacenecarboxamide, 4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-, (4S,4aS,5aS,6S,12aS)-  
(9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 2-Naphthacenecarboxamide, 4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-, [4S-(4 $\alpha$ ,4a $\alpha$ ,5a $\alpha$ ,6 $\beta$ ,12a $\alpha$ )]-  
CN 2-Naphthacenecarboxamide, 4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo- (7CI, 8CI)  
OTHER NAMES:  
CN (-)-Tetracycline  
CN Abramycin  
CN Achromycin  
CN Achromycin (naphthacene derivative)  
CN Acromicina  
CN Actisite  
CN Agromicina  
CN Akne-Pyodron  
CN Akne-Pyodron Kur  
CN Ambramicina  
CN Ambramycin  
CN Apo-Tetra  
CN Arcanacycline  
CN Bio-Tetra  
CN Biocycline  
CN Britaciclina  
CN Calociclina  
CN Ciclibion  
CN Cyclomycin  
CN Cytome  
CN Deschlorobiomycin  
CN Dispatetrin  
CN Economycin  
CN Enterocycline  
CN Florocycline  
CN Gammatet  
CN Ibicyn  
CN Kinciclina  
CN Latycin  
CN Limecycline  
CN Medocycline  
CN Mericycline  
CN Micycline  
CN Neocycline  
CN NorTet  
CN Novo-Tetra  
CN NSC 108579  
CN Nu-Tetra  
CN Omegamycin  
CN Orlycycline  
CN Panmycin  
CN Polycycline  
CN Polycycline (antibiotic)  
CN Quimocyclin N  
CN Quimpe Antibiotico  
CN Resteclin  
CN Retet  
CN Robitet Robicaps  
CN **Tetracycline**

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
DISPLAY

FS STEREOSEARCH

DR 6591-49-7

MF C22 H24 N2 O8

CI COM

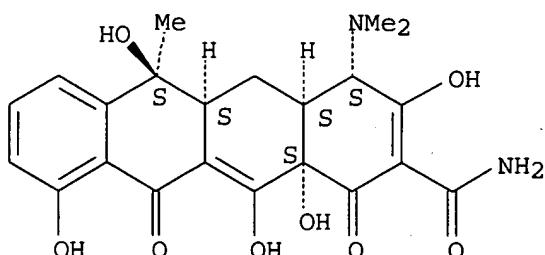
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOSIS,  
BIOTECHNO, CA, CABAB, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST,  
CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, GMELIN\*, HSDB\*, IFICDB, IFIPAT,  
IFIUDB, IMSCOSEARCH, IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, PHAR,  
PIRA, PROMT, PS, RTECS\*, SPECINFO, TOXCENTER, USAN, USPAT2, USPATFULL,  
VETU, VTB

(\*File contains numerically searchable property data)

Other Sources: EINECS\*\*, WHO

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry. Rotation (-).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

16483 REFERENCES IN FILE CA (1907 TO DATE)

835 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

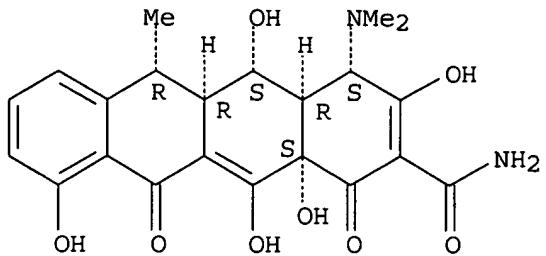
16523 REFERENCES IN FILE CAPLUS (1907 TO DATE)

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=>

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 564-25-0 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN 2-Naphthacenecarboxamide, 4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-, (4S,4aR,5S,5aR,6R,12aS) - (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 2-Naphthacenecarboxamide, 4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo- (6CI, 8CI)  
CN 2-Naphthacenecarboxamide, 4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-, [4S-(4 $\alpha$ ,4a $\alpha$ ,5 $\alpha$ ,5a $\alpha$ ,6 $\alpha$ ,12a $\alpha$ )] -  
OTHER NAMES:  
CN  $\alpha$ -6-Deoxy-5-hydroxytetracycline  
CN  $\alpha$ -6-Deoxyoxytetracycline  
CN Doxycycline  
CN 4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide  
CN 5-Hydroxy- $\alpha$ -6-deoxytetracycline  
CN 6-Deoxy-5-hydroxytetracycline  
CN 6-Deoxyoxytetracycline  
CN Dentistar  
CN Deoxymykoin  
CN Doxinylin  
CN Doxivetin  
CN Doxycen  
CN Doxycycline  
CN Doxytetraacycline  
CN GS 3065  
CN Hydramycin  
CN Liviatin  
CN Medeomycin  
CN Monodox  
CN Oxytetracycline, 6-deoxy-  
CN Pulmodox  
CN Ronaxan  
CN Tolexine  
CN Unidox  
CN Vibramycin  
CN Vibramycine  
CN Vibrano SF  
CN Vibbraneuse  
CN Vibravenos  
FS STEREOSEARCH  
DR 7164-70-7, 7264-10-0, 10597-92-9  
MF C22 H24 N2 O8  
CI COM  
LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOSIS, BIOTECHNO, CA, CABAB, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, HSDB\*, IFICDB, IFIPAT, IFIUDB, IMSCOSEARCH, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, PHAR, PROMT, PS, RTECS\*, SCISEARCH, SPECINFO, TOXCENTER, USAN, USPAT2, USPATFULL, VETU  
(\*File contains numerically searchable property data)  
Other Sources: EINECS\*\*, WHO  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

4109 REFERENCES IN FILE CA (1907 TO DATE)

65 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

4123 REFERENCES IN FILE CAPLUS (1907 TO DATE)

6 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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